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Z/009/60/000/04/035/041
E142/E235

Anti-Corrosive Paints Containing Ion Exchange Resins

difficult. There are 3 figures, 3 tables and 15 references, 6 of which are English, 1 Italian, 2 German, and 6 Czech. X

ASSOCIATION: Státní výzkumný ústav ochrany materiálu
G. V. Akimova, Praha (State Research Institute for
the Protection of Materials "G. V. Akimov" Prague)

SUBMITTED: September 1, 1959

Card 2/2

NYERGES, Gabor, dr.; BARTOS, Anna, dr.; BUDAI, Jozsef, dr.; CSAPO,
Jozsef, dr.

Recent results in the prevention of transfusion hepatitis.
Orv. hetil. 105 no.28:1308-1310 12 JI'64

1. Fovarosí Laszlo Korház, I.Gyermekosztály (Foorvos: Csapo,
Jozsef, dr.) és Schopf-Merey Agost Koraszulo Koraszulett
Korház, Conditionalt Osztály (Foorvos, Gergely, Karoly, dr.).

HUNGARY

CSAPO, Jozsef, Dr, BUDAI, Jozsef, Dr, BARTOS, Anna, Dr, NYERGES, Gabor, Dr; Laszlo Hospital for Contagious Diseases (Laszlo Fertozo Korhaz) and The Schopf-Merei Agoston Obstetrical and Pediatric Hospital for Premature Infants (Schopf-Merei Agoston Koraszulo-Koraszulott Korhaz).

"The Prevention of Transfusion Hepatitis."

Budapest, Orvosi Hetilap, Vol 104, No 17, 28 Apr 63, pages 780-782.

Abstract: [Authors' Hungarian summary] As a preventive measure against transfusion hepatitis, 182 premature infants were given 8ml/kg gamma globulin during the first transfusion. As controls, 205 premature infants receiving transfusions, and 204 babies receiving various injection treatments but no transfusion, were observed. Hepatitis developed in one case among the group receiving g. gl. and in 15 cases among the group receiving general transfusion. The third group showed no hepatitis. Theoretical explanation for the strong preventive effect of g.gl. is difficult. Further studies are conducted to determine the smallest dose of g.gl. necessary for the preventive effect. 1 Western, 1 Hungarian reference.

1/1

CSAPO, J.; BUDAI, J.; BARTOS, Anna; NYERGES, G.

Prevention of transfusion hepatitis. Acta paediat. acad. sci.
Hung. 4 no.2:195-198 '63.

1. Laszlo Hospital of Infectious Diseases (Director, Dr. J.
Roman), and Schopf-Merei Hospital for Premature Infants
(Director, Dr. K. Gergely), Budapest.

(INFANT, PREMATURE, DISEASES)
(HEPATITIS, HOMOLOGOUS SERUM)
(GAMMA GLOBULIN)
(PREVENTIVE MEDICINE)

NEMES, G.; BARTOS, Anna; BUDAI, J.; CSAPO, I.

New results in the prevention of transfusion hepatitis. Acta
paediat. Acad. sci. Hung. 5 no.3:417-421 '64

1. Laszlo Hospital of Infectious Diseases, Budapest, and
Schopf-Merei Hospital for Premature Infants, Budapest.

HUNGARY

BARTOS, Anna, Maria, Dr; Schopf-Merei Agoston Hospital for Premature Infants (director: GERGELY, Karoly, Dr) (Schopf-Merei Agoston Koraszulott Korhaz).

"Later Morbidity Conditions of Premature Infants Who Received Large Doses of Gamma Globulin."

Budapest, Orvosi Hetilap, Vol 107, No 44, 30 Oct 66, pages 2086-2087.

Abstract: [Author's Hungarian summary] A follow-up study of premature and full term infants who received 0.8 ml of gamma globulin per kg of body weight led to the conclusion that the number of diseases incurred by them was largely comparable to that of the controls. The lessened need for the use of more potent drugs and the more rapid weight gain in the group of low weight infants should still be credited to the effects of gamma globulin, however. 10 Hungarian, 8 Western references.

1/1

- 48 -

BARTOS, A.

"Speedy boiling of cellulose." p. 186. (Chemie. Vol. 7, no. 10, Oct. 1951. Praha.)

SOF Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.
Uncl.

BARTOS, A.

Restoration of metal linings of cement mills by welding. p. 171.
STATIVO, Praha, Vol. 33, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

BARTOS, A.

Effect of dihydroergotamine on cervical spasm and motility of the uterus in labor. Bratisl. lek. listy 35 no.1:21-32 15 Jan 55.

1. Zo zenskej a porodnickej kliniky Lak. fak. Univ. Komenskeho v Bratislave, prednosta prof. dr. S.Srefanik

(ERGOT ALCOLOIDS, effects

dihydroergotamine on cervix spasm & uterus motility in labor)

(SPASM

cervical in labor, eff. of dihydroergotamine)

(CERVIX, UTERINE, physiology

spasm in labor, eff. of dihydroergotamine)

(UTERUS, physiology

motility in labor, eff. of dihydroergotamine)

CZECHOSLOVAKIA

BARTOS, Q. S.; Laboratory of Physiology and Genetics of Animals,
Czechoslovak Academy of Sciences (Laborator Fysiologie a Genetiky
Zivocichu CSAV), Uhřetěves.

"Technique of Working with Radioactive Carbon C^{14} ."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, pp 366-367

Abstract: Errors occurring in work with C^{14} forming organics that are subject to decomposition are discussed. This decomposition may be caused by the radiation of the C^{14} itself, or by microorganisms. The best protection is to store organic substances in sealed glass containers under refrigeration. The author also describes the design of an apparatus which he invented for wet combustion of C^{14} ; the combustion is conducted under pressure. This prevents leakage of CO_2 from atmosphere. The author describes further an instrument which he designed for the preparation of precipitates of $BaC^{14}O_3$. No references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice 9 Dec 65.

1/1

PARTE, E.

"Use of lower belts in mining in the Ostrava-Karvina mines."

Uhli, Praha, Vol 3, No 3, Mar. 1953, p. 91

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

FARTOS, E.

Conveying, by means of one conveyer belt, in the coal faces of thin flat seams.

P. 258. (UMLI.) (Praha, Czechoslovakia) Vol. 7, No. 8, Aug. 1957

SO: Monthly Index of East European Accession (EIAI) LC. Vol. 7, No. 5, 1958

BARTOS, E.

Complex struggle against dust in mines. p. 303.

UHLI. (Ministerstvo paliv) Praha, Czechoslovakia. Vol. 1, no. 9,
September 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

Uncl.

BARTOS, Eduard

Progressive technology in production of unique components.
Stroj vyr. ll no.9:430-436 S '63.

1. Vitovicke zelezarny Klementa Gottwalda, n.p., Ostrava.

BARTOS, Eduard

Progressive technology in making single parts. Stroj vyr 11 no.10:
486-492 0 '63.

1. Vitkovické železárny Klementa Gottwalda, n.p., Ostrava.

BARTOS, EMANUEL.

Klic k urcovani hmyzich radu. [1. vyd.] Praha, Ceskoslovenska
akademie ved, 1953. 59 p. [A key for determination of insect orders.
1st ed.]
DA

Not in DLC

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

BARTOS, E.

Observation of animalcules by Prochaska in 1786. p. 313
CESKOSLOVENSKA BIOLOGIE. Vol. 3, No. 5, Oct. 1954

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

BARTOS, E.

Observations of Prochaska on rotifers in 1786. Chekh. biol. 3 no.5:335-336 Nov 54.

(BIOGRAPHIES,

Prochaska, Jiri)

(INVERTEBRATES,

rotifers, investigations by J.Prochaska)

BARTOS, E.

Rotifera of the genus LEPADELLA and the key to their determination. p. 22

Vol. 124, no. 1, 1955
CASOPIS; ODDIL PRIRODOVEDNY
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

1965, 7.

Rotatoria of the genus Lepadella and the key to their determination.
p. 183.

ISS 113; OBNIL PRILGOVODNY vol. 124, no. 2, 1965

Czechoslovakia

so. EAST EUROPEAN ACCESSIONS LIST vol. 9, no. 7 July 1956

BARTOS, Edvin, inz.

Development of the mining science and research up to 1970. Uhlí
5 no.1:3-4 Ja '63.

1. Reditel, Vedeckovýzkumny uhelny ustav, Ostrava - Radvanice.

BUDAVARI, I.; POSCH, E.; SOS, J. Techn. assistance: BARTOS, E.; KIRALY, O.

Changes in the glycoproteid fractions of rat serum and tissue
in infarctoid cardiopathy. Cor.vasa 6 no.2:147-152 '64.

1. Department of Pathophysiology, Medical University, Budepest,
Hungary.

*

POSCH, E.; BUDAVARI, I.; ZELLES, T.; BARTOS, L., Technische Assistent;
KIRALY, O. (Frau), Technische Assistent

Concerning glycoprotein metabolism in ileus. Acta Chir. Acad.
Sci. Hung. 5 no.1:63-70 '64.

1. Pathophysiologisches Institut (Direktor: Prof. Dr. J. Sos)
der Medizinischen Universität, Budapest.

BARTOS, E.T.; KOLODZAZDNY, N.V.

Prospect for development of gas turbine traction. Doprava no.3:
232-233 '63.

BARTOS, F.

"Trends in planning in the leather industry."

KOZARSTVI, Praha, Czechoslovakia, Vol. 9, No. 3, March 1959.

Monthly List of East European Accessions (.EAI), IC, Vol. 8, No. 9, September 1959.

Unclassified.

37897

G/009/62/071/002/001/003
B116/3104

9.2560

AUTHOR: Bartoš, P. (Olomouc)

TITLE: Square-law B rectification with transistors

PERIODICAL: Hochfrequenztechnik und Elektroakustik, v. 71, no. 2, 1962,
41-47

TEXT: The author investigated transistor circuits. On the basis of the nonlinearity of the transistors which occurs during voltage control, transistor-B-push-pull circuits were developed which have good squaring properties and offer special advantage for mobile measuring instruments. Operating without thermostat they are far more economical than crystal diode circuits; they are very efficient and their output is high direct voltage. Because of the large squaring range they are suitable also for measuring voltages containing extreme peaks. They may be used in RMS-meters, wattmeters, noisemeters and similar measuring instruments. Fig. 3 shows a transistor push-pull circuit with residual-current separation. In order to ensure that each half-cycle of the applied a.c. voltage U_e will be symmetrically squared, P_1 is made as small as possible and the

Card 1/6

Square-law B rectification ...

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B116/B104

symmetry adjusted by it. P_2 serves for increasing the stability of the operating point, which is always kept in B-operation. Fig. 5 shows a transistor push-pull circuit with residual-current compensation. Its advantage over that shown in Fig. 3 consists in omission of the separating diodes, but the doubled temperature-dependence in the collector circuit is a drawback. The potentiometer P_3 allows perfect adjustment of the residual current compensation. Instead of P_3 it is possible to use an NTC resistor. Transistors having a satisfactory bend of the input characteristic in the upper modulation range are suitable for the squaring circuits shown. Consistently with the cutoff frequency of the paired transistors it would be possible, apart from d.c. voltages, to cope with quasisteady h-f processes also. Temperature compensation is obtained by means of the NTC resistors. A squaring range of up to 32 dB is achieved by means of the transistor squaring circuits. The absolute measuring error related to the input voltage amounts to only 1.5 dB within a temperature range from -10°C to $+40^{\circ}\text{C}$. The stability is adequate but a compromise has to be made between sufficient stability and either the deviation or the effective range of the squaring characteristics. Transistor squaring circuits are simple, of low power, reliable, and can practically be immunized against the effects of ambient temperature. Professor W. Reichardt, Doctor of

Card 2/0 - 3

Square-law B rectification ...

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B116/B104

Technical Sciences, is thanked for his interest in this study. There are 9 figures and 1 table.

ASSOCIATION: Institut für Elektro- und Bauakustik der Technischen Universität Dresden (Direktor: Prof. Dr.-Ing. W. Reichardt)
Institute of Electro- and Building Acoustics of the
Technical University Dresden (Director: Professor W. Reichardt, Doctor of Technical Sciences)

SUBMITTED: December 10, 1960

Fig. 3: Transistor-push-pull circuit with residual-current separation.

Fig. 5: Transistor push-pull circuit with residual-current compensation.

Card 3/6. 3

Country : CZECHOSLOVAKIA
 Category : General Biology. Cytology. Plant Cytology. B
 Aba. Jour. : RZhBiol., No. 3, 1959, No. 9603
 Author : Bartos, Frantisek; Srb, Vladimir.
 Institut. : -
 Title : The Presence of Giant Cells in Explants of
 Fodder Beet Roots (*Beta vulgaris* L. var *rapa* f.
lutea).
 Orig Pub. : Ceskosl. biol., 1958, 7, No 2, 162-165
 Abstract : Giant cells (GC) formed by the authors in the
 explants of fodder beet roots, contain 3-8
 nuclei surrounded by cytoplasm. In the opinion
 of the authors, multinucleic GC may self-
 generate in the cultures of plantal tissue. A
 further division of nuclei in GC was not observ-
 ed. Apparently, the process of formation of
 phragmoplasts and septa is disrupted in GC. --
 From the authors' summary.

Card: 1/1

BARTOS, F.; KLUZAK, R.

Disturbances in aerobic carbohydrate metabolism in patients with burns. Acta chir. plast. 2 no.1:70-77 '60.

1. Burns Unit of the Clinic of Plastic Surgery, Charles University, Prague (Czechoslovakia), Director: Academician F. Burian.
(CARBOHYDRATES metab.)
(BURNS metab.)

BARTOS, F.; KLUZAK, R.

Contribution to the study of ~~glycide~~ metabolism in burn disease.
Cas.lek.cesk 100 no.40:1253-1256 6 0 '61.

1. Klinika plasticke chirurgie, oddeleni pro lecbu popalenyh, prednosta
akademik Frantisek Burian.

(BURNS metab) (CARBOHYDRATES metab)

MUSIL, J.; BARTOS, F.

Contribution on metabolism of glycoprotein in burns. Acta chir. plast. 4 no.2:-32 '62.

1. Department of Clinical Biochemistry of the State University Hospital, Prague (Czechoslovakia) Director: J. Oppit, M.D., Ph.D.
The Burns Unit of the Clinic of Plastic Surgery, Charles University, Prague Director: Academician F. Burian.
(BURNS metab.) (GLYCOPROTEINS metab.)

BARTOS, Frantisek

Healing of experimental skin wounds in mice following the application of decontamination solutions. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad Kral) (Suppl.) 4 no.4:375-380 '61.

1. Katedra biologie; prednosta doc. MUDr. B. Hluchovsky.
(WOUND HEALING) (ANTISEPTICS pharmacol)
(CHELATING AGENTS pharmacol) (PHOSPHATES pharmacol)

BARTOS, Frantisek; PUZA, Vladimir

Rabbit granulation tissue observed in tissue cultures. Cesk. morf.
10 no.4:412-420 '62.

1. Katedra obecne biologie lekarske fakulty Karlovy university, Hradec
Kralove, prednosta: Doc. MUDr. B. Hluchovsky.

(WOUND HEALING)

(SKIN)

(REGENERATION)

(TISSUE CULTURE)

BARTOS, Frantisek

Cytological study of wound exudate and granulation tissue.
Sborn.ved. prac. lek. fak. Karlov. Univ.(Hrad. Kral.) 6
no.4: Supplement:425-446 '63.

1. Katedra biologie;prednosta: doc. MUDr. B.Hluchovsky.
Karlov. Univ. v Hradci Kralove.

*

BARTOS, Frantisek

A contribution to the analysis of factors "inhibiting" the healing of a flat skin wound in mature and old animals.
Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:427-434
'64.

1. Katedra biologie; (prednosta: doc. MUDr. B. Hluchovsky).
Karlov University v Hradci Kralove.

BARTOS, Frantisek

The function of the cytocentrum in amitosis. Biologia
(Bratisl.) 20 no. 11:873-876 '65.

1. Katedra biologie Lekarske fakulty Karlovy University
v Hradci Kralove.

L 33511-66

ACC NR: AP6023509

SOURCE CODE: CZ/0049/65/000/011/0873/0876

AUTHOR: Bartos, Frantisek--Bartosh, F. (Docent; Doctor; Candidate of sciences; Hradec Kralove) 12
B

ORG: Department of Biology, Medical Faculty, Charles University, Hradec Kralove (Katedra biologia Lekarske fakulty KU)

TITLE: Role of the cytotcenter in amitosis 22

SOURCE: Biologia, no. 11, 1965, 873-876

TOPIC TAGS: cytology, animal, biologic reproduction, cell physiology

ABSTRACT: The author conducted experiments with frogs *Rana esculenta* L. and *Rana temporaria* L.; a microscope cover glass was introduced into the dorsal lymphatic pouch of the animals and the cells caught on the glass were fixed and studied. The role of cytotcenters in the amitotic partition of nuclei was investigated. Only in some cases was the cytotcenter in the proximity of the nucleus undergoing the division; in cells containing several nuclei amitosis takes part in a different area of the cell than the area in which the cytotcenter is located. It seems therefore that there is no direct connection between the cytotcenters and the division of the nuclei. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 10Apr65 / ORIG REF: 002 / OTH REF: 001

Cord 1/1 0915 1469

BARTOS, Franciszek Michal

Copernicus and Comenius. Hist nauk mat fiz geol no.7:5-29 '63.

LARTOS, Gy.

Gas supplies of our cities and suburban settlements. p. 336.

MAGYAR EPITOIPAR, (Epitoipari Tudományos Egyesület) Budapest, Hungary, Vol. 7, no. 8/9, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959.
UNCL

EXCERPTA MEDICA Sec 9 Vol 13/6 Surgery June 59

2902. (750) EXPERIMENTAL OBSERVATION OF WIRE CERCLAGE OSTEO-SYNTHESIS, WITH SPECIAL CONSIDERATION OF THE FORMATIVE EFFECT OF THE COMPRESSION FACTORS - Experimentelle Beobachtungen über die gedrahtete Osteosynthese mit besonderer Rücksicht auf die formative Rolle der Kompressionskräfte - Bartos G. and Karlinger T. Inst. für Chir. Anat. und Operationslehre, Med. Univ., Pécs - ARCH. ORTHOP. UNFALL-CHIR. 1958, 50/3 (213-221) illus. 9

In experimentally produced fractures of the femur or the humerus in dogs, treated with wire cerclage, a marked cartilaginous callus was observed after 2-4 weeks. It was more pronounced at the periosteum than between the bone fragments. If the forearm or the lower leg of the fractured extremity had been amputated, so that weight bearing was prevented, no cartilaginous callus was found but only young bone substance. It is concluded that it is not the contact compression force of the wire cerclage but the intermittent pull and compression and the shearing force of an unstable fracture which account for the formation of cartilaginous callus.

Madsen - Vejle

SZOLLOSSY, László, dr.; ~~BARTOS, Gábor, dr.~~

The problem of replacement of the blood vessels with small diameters. Magy.sebeszet 13 no.6:364-368 D '60.

1. Pécsi Orvostudományi Egyetem Sebeszeti Anatómiai és Műtettani
Intézete Igazgató: Karlinger Tihamer dr.
(BLOOD VESSELS transpl)

(BARTOS, G.; KARLINGER, T.

Experimental data on the evaluation of various methods of osteosynthesis.
Vest. khir. 84 no. 4:74-79 Ap '60. (MIRA 14:1)
(FRACTURES)

BARTOS, Gabor, dr.; KARMOS, Viktor; SZOLLOSSY, Laszlo, dr.; TOROK Bela, dr.;
KUSTOS Gyula; CZIGNER, Jero

Hungarian-made plastic vascular prostheses. Orv.hetil. 101 no.41:
1458-1459 9 0 '60.
(ARTERIES surg)
(PLASTICS)

BARTOSH, Gabor [Bartos, Gábor]; SELESHI, Laslo [Szölösi, László]; KARMOSH, Viktor [Karmos, VIKTOR]; TEREK, Bela [Török, Béla]; KUSHTOSH, Dyula [Kustos, Dyula]

Experiences in replacing defects of the blood vessels with prostheses of combined auto-alloplastic and porous alloplastic material. Vest. khir. no.7:10-14 '61. (MIRA 15:1)

1. Iz kafedry khirurgicheskoy anatomii i operativnoy khirurgii (dir. - prof. T. Karlinger) Pechakogo meditsinskogo instituta (Vengriya).

(BLOOD VESSELS—SURGERY)

BARTOS, Gabor; SZOLLOSSY, Laszlo; REMENYI, Jeno

Experiments in blood vessel replacement with polyamide tubes.
Kiserletes orvostud. 13 no.2:142-153 My '61.

1. Pecsí Orvostudományi Egyetem Sebészeti Anatómiai és Műtettani
Intézet
(BLOOD VESSELS surg.) (POLYMERS)

HUNGARY

TOROK, Bela; SZOLLOSY, Laszlo; KUSTOS, Gyula; BARTOS, Gabor; TOTH, Lure; PAPP, Janos; Institute of Surgical Anatomy and Operative Techniques of the Medical University (Orvostudományi Egyetem Sebészeti Anatómiai és Műtettani Intézet), Pécs.

"Experimental Production of Septum Defects."

Budapest, Kiserletes Orvostudomány. Vol 14, No 5, Oct 62, pp 532-534.

Abstract: [Authors' German summary] An experimental surgical procedure is described for the production of auricular and ventricular septum defects. [One Hungarian reference.]

TOROK, Bela; SZOLLOSSY, Laszlo; KUSTOS, Gyula; BARTOS, Gabor; TOTH, Imre;
PAP, Janos

Experimentally induced septum defects. Kiserl. orvostud. 14 no.5:
532-534 0 '62.

1. Pecsí Orvostudományi Egyetem Sebészeti Anatómiai és Műtettani
Intézete.

(HEART SEPTUM)

(HEART SURGERY)

HUNGARY

BARTOS, Gabor, SZOLLOSZ, Laszlo, CZIGNER, Jeno, PINTER, Andras;
Medical University of Pecs, Institute of Surgical Anatomy and Technique
and II. Surgical Clinic (Pecsi Orvostudományi Egyetem Sebészeti Ana-
tomiai és Műtettani Intézete és II.sz. Sebészeti Klinika).

"Use of Blood-Stilling Gelatine Sponges in Loose Vascular Prosthesis."

Budapest, Kísérletes Orvostudomány, Vol XV, No 3, June 1963, pp 225-229.

Abstract: [Authors' Hungarian summary] Loose vessel substitution tubes have the disadvantage of a significant loss of blood during insertion and the possibility of later hemorrhage. The following experiments were conducted by the authors to minimize the disadvantages. Loose, De Bakey prosthesis of great porosity was wrapped into Spongostan-gelatine-sponges. The initial bleeding during surgical insertion of the prosthesis decreased by 30-40 per cent and the danger of postoperative hemorrhage was also reduced. The authors recommend this procedure in the clinical use of vessel substitutes with unknown permeability. With the application of the above technique, the possibility of further structural development of tubes for vessel substitution is also discussed.
7 Western, 2 Hungarian references.

1/1

CZINGER, Jeno, dr.; BARTOS, Gabor, dr.; RADLER, Antal, dr.

On the Spongostan gelatin foam. Orv. hetil. 104 no.44:2081-2084 3 N '63.

1. Pécsi Orvostudományi Egyetem, Sebészeti, Anatómiai és
Műtettani Intézet és II Sebészeti Klinika.
(HEMOSTATICS) (FIBRINOGEN)
(SURGERY, OPERATIVE)

BARTOS, Gabor; SZOLLOSY, Laszlo; CZIGNER, Jeno; PINTER, Andras

The use of hemostatic gelatin sponge in loose blood vessel prosthesis. Kiserl. orvostud. 15 no. 3:225-229 Je '63.

1. Pecs Orvostudományi Egyetem Sebészeti Anatómiai és
Műtettani Intézete és II. sz. Sebészeti Klinikája.
(GELATIN) (BLOOD VESSEL PROSTHESIS) (HEMOSTASIS)

BARTOS, Gabor, dr.; SZOLLOESSY, Laszlo, dr.; TOROK, Bela, dr.; KUSTOS,
Oyula, dr. ; KARMOS, Viktor.

On practical problems of plastic materials used in vascular
prosthesis. Magy. sebész. 17 no.3:140-146 Je'64.

1. Pécsi Orvostudományi Egyetem Sebészeti Anatomiái és Műtettani
Intézete (Igazgató: Prof. Karlinger, Tihamer, dr.)

BARTOS, G.; KARMOS, V.; SZOLLOSY, I.; KUSTOS, Gy.; TOROK, B.; TOT, I.;
TEMES, Gy.

Problems of alloplastic vascular repair. I. Structure of vascular
prostheses. Acta chir. acad sci. Hung. 6 no.2:109-117 '65.

1. Institute of Surgical Anatomy and Experimental Surgery (Direc-
tor: Prof. T. Karlinger), University Medical School, Pecs.

BARTOS, G.; KARMOS, V.; SZOLLOSY, L.; KUSTOS, Gy.; TOROK, B.; TOTI, I.;
FAP, J.

Problems of alloplastic vascular repair. II. Porosity of synthetic
vascular prostheses. Acta chir. acad. sci. Hung. 6 no.2:117-127 '65.

1. Institute of Surgical Anatomy and Experimental Surgery (Director:
Prof. T. Farlinger), University Medical School, Pecs.

BARTOS, Gyula, ckleveles gepeszmernek; JANCSON, Tibor; JAROSI, Marton; CSERNAVOLGSI, Laszlo; GRAF, Laszlo, dr.; MOTICSKA, Felician; SEIBERT, Istvan; ZAVODSZKY, Ferenc; EHMAN, Jozsef; ELSZASZ, Rezso; SZABO, Gyula; JANASS, Jozsef; NOSZTRAI, Konrad; PETER, Istvan; BARDOSSY, Dezso; SARVARY, Elemer; VALY, Ferenc, dr.; DOBOS, Imre; KOVACS, Sandor; MAJOROS, Sandor

Designing questions of city gas distributing networks. Energia es atom 18 no.1:38-47 Ja '65.

1. Civil Engineering Designing Office, Budapest (for Bartos).
2. National Power Economy Authority, Budapest (for Majoros).

TOROK, B.; TEMES, G.; TOTH, I.; PAF, J.; KJSTOS, G.; BARTOS, G.

Attempts at the improvement of cardiac blood supply. Acta chir. acad. sci. Hung. 6 no.3:325-332 '65.

1. Institute of Surgical Anatomy and Surgery (Director: Prof. T. Karlinger) University Medical School, Pecs. Submitted November 20, 1964.

CARDIOVASCULAR DISEASES

HUNGARY

KUSTOS, Gyula, PAP, Janos, TOROK, Bela, TOTH, Imre, EARTOS, Gabor and TEMES, Gyula, Institute of Surgical Anatomy and Surgical Technique (Sebeszeti Anatomiai es Mutettani Intezet), College of Medicine (Orvostudomanyi Egyetem), Pecs.

"ECG, PCG and Electromanometric Studies in Experimental Mitral Insufficiency"

Budapest, Kiserletes Orvostudomany, Vol 18, No 6, 1966; pp 663-668.

Abstract: On the basis of animal experiments the ECG changes developing in acute mitral insufficiency are described. On the basis of phonocardiographic and electromanometric data three groups may be distinguished: mild, moderately severe and severe. The data obtained in medium severe and severe syndromes are characteristic, and occasionally the changes may be expressed also by means of formulas. 29 References, mainly Western. Manuscript received 28 Jan 66.

BARTOS, Gyula

Gas supply questions of schools, kindergartens, and day
nurseries. *Épületgépészet* 8 no.2:73-76 '59.

BARTOS, Gyula; VIDA, Vid

Up-to-date natural gas services in Szolnok. Magyar ep ipar 11
no.3:105-109 '62.

BARTOS, Gyula

Situation of the Hungarian-made gas appliances. *Epuletgepeszet* 11
no.5:180-185 0 '62.

BARTOS, Gyula

Experiences of a study trip to the Soviet Union in connection
with its gas utility works. Magyar ipar 14 no.2:90-93 '65.

HUNGARY

TOROK, Dr Bela, and BARTOS, Dr Gabor, Institute of Surgical Anatomy and Surgery (Sebészeti Anatómiai és Műtéttani Intézet) of the College of Medicine (Orvostudományi Egyetem), Pécs (Director: Prof. Dr Tihamer KARLINGER).

"Partial Heart-Muscle Replacement by Means of Plastic-Patch Graft"

Budapest, Orvosi Hetilap, Vol 19, No 5, Oct 66; pp 303-306.

Abstract: Authors experimented with the plastic tissue of the Hungarian vascular prosthesis, Terital, for the replacement of the right ventricular wall (patch graft) of dogs. They found that the incorporation of the plastic was histologically identical with that of the vascular prostheses. 15 References, mainly Western.

DARTON, H.

MODULATION PROPERTIES

SVERCL, Josef; BARTOS, Harald

Automatic equipment for high-pressure liquid tests. Stroj vyr 11
no.10:522-523 0 '63.

1. Sigma Olomouc, n.p., zavod Lutin.

BARTOS HARRY

CZECHOSLOVAKIA/Radio Physics - Generation and Transformation of Radio I-3
Frequency Oscillations

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 11265

Author : Bartos Harry, Novacek Miroslav

Inst : Not Given

Title : Efficiency of Reflex Klystron

Orig Pub : Slaboproudý obzor, 1957, 18, No 8, 529-532

Abstract : Relations are given for the efficiency of a reflex klystron.
The results of experiments performed on types 723 A/B and
2K25 klystrons are described. The experimental data are
compared with the results of calculations.

Card : 1/1

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E192/E382

AUTHOR: Bartoš, H.

TITLE: Determination and Experimental Verification of the
Electrical Parameters of the Reflex Klystrons ²⁵
Employed as the Transmitters in Television Relay
Stations

PERIODICAL: Československý časopis pro fysiku, 1960,
No. 5, p. 395

TEXT: A reflex klystron should have suitable modulation characteristics if it is to be successfully employed in the transmission of television signals. It is shown that the required modulation curve in a klystron can be obtained by suitable choice of the load connected to the resonant cavity. The maximum permissible distortion is determined and its dependence on the quality factor of the resonator is investigated. It is found that the slope of the modulation curve increases with the oscillation mode and decreases with the increasing quality factor of the resonator.

Card 1/2

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Z/037/60/000/005/008/056

Determination and Experimental Verification of the Electrical
Parameters of the Reflex Klystrons Employed as the Trans-
mitters in Television Relay Stations

The deviation of the oscillation frequency of the tube, due to
an external load, is found to be one of the very important
parameters. This effect can be investigated experimentally
by measuring the tube when cold and under actual operating
conditions. X

ASSOCIATION: Výzkumný ústav pro vakuovou elektrotechniku,
Praha (Research Institute for Vacuum
Electrotechnology, Prague)

Card 2/2

EARTCS, I.

EARTCS, I. Tasks of the leather and shoe industry in 1956. p. 123.

Vol. 5, No. 6, Dec. 1955

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TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 1, No. 5, May 1956

BARTOS, I

BARTOS, I

Use of leather substitutes in the shoe industry. p. 73

Vol. 5, No. 4, August, 1955 Budapest, Hungary HORSZES GIPOTECHNICA

SO: Monthly List of East European Accessions, (EMAL), LC, Vol. 5
No. 3, March, 1956

CZECHOSLOVAKIA

BARTOS, J.; LEBDUSKA, J.; Veterinary Research Institute (Vyzkumny Ustav Veterinarniho Lekarstvi), Brno - Medlanky.

"The Disinfectant Effectiveness of Peracetic Acid Applied to Plaster and Concrete in Animal Housing for the Control of Mycobacterium Phlei Using the Application by the Skimming Method."

Prague, Veterinarni Medicina, Vol 11, No 10, Oct 66, pp 635-643

Abstract [Authors English summary modified]: The plaster used in the experiments did not contain any free lime. A 1% solution of peracetic acid sprayed at the rate of $\frac{1}{2}$ and 1 liter per sq. meter had a 100% effect after 3 hours exposure; on smooth surfaces the 100% effect was achieved after only 1 hour. 4 Tables, 7 Western, 16 Czech references. (Manuscript received 21 Feb 66).

FARTOS, J.

"Principles for operating mining machinery; a contribution to a discussion on methods of installing and utilizing combines."

Uhli, Praha, Vol 4, No 7, July 1954, p. 195

SO: East ern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

SARTOS, J.

Double-housing crank press with a pneumatic holder. p. 504.
(STROJIRENSKA VYROBA, Vol. 4, No. 11, Nov 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

BARTOS, J.

Mechanics of tire springing. p. 813. (STROJIRENSTVI, Vol. 6, No. 12,
Dec 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

BARTOS, J.

The road holding properties of three and four track vehicles.

p. 288 (Automobil) Vol. 1, No. 9, Sept. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

BARTOS, J.

"Experiences in planning the communications in the area of the construction of a dam on the Vitava River near Lipna in Southern Bohemia."

p. 2 (Silnice) Vol. 6, no. 12, Dec. 1957.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

BARTOS, J.

TECHNOLOGY

periodicals: HUTNIK Vol. 8, no. 11, Nov. 1958

BARTOS, J. New method for casting coupled sliding bearings with a bronze lining. p. 379.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

FARTOS, J.

Storage batteries in cold weather operation.

P. 87. (SVET MOTORU.) (Praha, Czechoslovakia) Vol. 12, No. 3, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, 1958

CZECHOSLOVAKIA

BARTOS, J., POKORNY, J., ECKERT, V., KRUSINA, L., and TEISINGER, P., with technical cooperation of LUKASOVA, I., SLIVOVA, L., MATOUSOVIC, J., GRUNT, J., DYLEVSKY, J., and DUBSKY, J., First Clinic of Surgery (I. chirurgicka klinika), Faculty of General Medicine (Fakulta vseobecneho lekarstvi), Charles University, Prague, Prof. Dr. PAVROVSKY, director; Fourth Clinic of Internal Medicine (IV. interni klinika), Faculty of Internal Medicine, Charles University, Prague, Prof. Dr. M. PUCIK, director; Radiological Clinic (Radiologicka klinika), Faculty of General Medicine, Charles University, Prague, Prof. Dr. V. SVAB, director, [individual affiliations cannot be determined].

"Direct Revascularization of Myocardium Following an Experimental Infarct in Dogs"

Prague, Casopis Lekaru Ceskych, Vol CII, No 26, 28 June 63, p 725.

Abstract: Experiments lead to the following conclusions:
 1. Anastomosis between the system and coronary artery is feasible even with a pulsating heart. 2. Infarct-like changes were observed following the tying of r. interventricularis. A partial adjustment took place following anastomosis. 3. Microscopic examination showed ischemic deposits in dogs with anastomosis
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CZECHOSLOVAKIA

Prague, Casopis Lekaru Ceskych, Vol CII, No 26, 26 June 63,
p 725.

in contrast to large infarcts in dogs without anastomosis.
4. A sudden inflow of blood into the ischemic deposit may be
accompanied by an immediate fibrillation of chambers. It can
be prevented by a temporary interruption of the blood flow
by means of anastomosis and its slow and interrupted liberation.

2/2

BARTOS, Jan, inz. (Prievidsa)

Mechanized winding of ropes and cables. Uhli 5 no.2:68-69
F '63.

PODLAHA, J.; DVORAK, J.; BARTOS, J.; CIKL, M.; FIRT, P.; FISCHER, J.;
HEJHAL, L.; MASURKA, V.; RECEK, J.; TOMŠU, M.

Clinical experiences with vascular protheses with curled polyester
silk. Rozhl. chir. 42 no.1:28-30 Ja '63.

1. Ustav klinické a experimentální chirurgie v Praze, reditel prof.
dr. B. Spacek, DrSc. a ostatní zúčastnění pracovníci.
(VASCULAR SURGERY) (ANGIOGRAPHY) (PLASTICS)
(BLOOD VESSEL PROTHESIS)

BARTOS, J.; POKORNY, J.; ECKERT, V.; KRUSINA, L.; TEISINGER, P.;
Technicka spoluprace: LUKASOVA, I.; SLIVOVA, L.; MATOUSOVIC, J.;
GRUNT, J.; DYLEVSKY, J.; DUESKY, J.

Direct revascularization of the myocardium after experimental
infarction in dogs. Cas. lek. cesk. 102 no.26:725 28 Je '63.

1. I chirurgicka klinika fakulty vseobecneho lekarstvi KU v
Praze, prednosta prof. dr. J. Pavrovsky IV interni klinika
fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr.
M. Fucik Radiologicka klinika fakulty vseobecneho lekarstvi
KU v Praze, prednosta prof. dr. V. Svab.

(MYOCARDIAL INFARCT)	(VASCULAR SURGERY)
(CORONARY VESSELS)	(ELECTROCARDIOGRAPHY)
(BLOOD PRESSURE)	(THORACIC ARTERIES)

LICHTENBERG, J.; BARTOS, J.; POKORNY, J.; VANCUSOVA, E.

Therapy of arteriosclerotic obliterations of the aortic bifurcation and arteries of the lower extremities by a palliative aorto-femoral prosthesis. Rozhl. chir. 43 no.12:793-797 D '64

1. I chirurgická klinika fakulty všeobecného lékařství Karlovy University v Praze (prednosta prof. dr. J.Pavrovsky).

LICHTENBERG, J.; BARTOS, J.; VANOUSOVA, P.; POKORNY, J.

Prevention of gangrene and amputation in arteriosclerotic
obliterative diseases of the lower extremities. Cor Vasa 7
no.1:66-72 '65

1. 1st Surgical Clinic, Faculty of General Medicine, Caroline
University, Prague, Czechoslovakia.

BARTOS, J.; LICHTENBERG, J.; POKORNY, J.; VANOUSOVA, E.

Reconstructive surgery of the femoral and popliteal arteries in
arteriosclerotic obliterations. Cas. lek. cesk. 102 no. 11-15
8 Ja '65

1. I. chirurgická klinika fakulty všeobecného lékařství Karlovy
University v Praze (prednosta-prof. dr. J. Pavrovsky) a IV. interní
klinika fakulty všeobecného lékařství Karlovy University v Praze
(prednosta - prof. dr. M. Fucik).

BARTOS, J.; LICHTENBERG, J.; VANCURA, J.; POKORNY, J.

Surgical treatment of arteriosclerotic obstructions of the abdominal aorta. Rozhl. chir. 44 no.7:502-504 J1 '65.

1. I. chirurgická klinika (prednosta prof. dr. J. Pavrovsky, DrSc.), radiologická klinika (prednosta prof. dr. V. Svab)
a IV. interní klinika (prednosta prof. dr. M. Fucik) fakulty všeobecného lékařství Karlovy University v Praze.

BARTOS, J.; PODDANY, V.

Reticular hemoblastoma of the orbit. Cesk. oftal. 21 no.6:
479-483 N '65.

1. Očni oddeleni (vedouci MUDr. J. Bartos) a patologickoanatomicke
oddeleni (vedouci MUDr. V. Poddany) Obvodního ustavu narodního zdraví
v Kladne.

L 44104-00 ENT(1) IJP(C) BR/SG

ACC NR: AT6023972

SOURCE CODE: CZ/0000/65/000/000/0021/0032

AUTHOR: Bartos, J. (Docent; Engineer; Candidate of science)

ORG: none

TITLE: Discretely controlled analog memory 160

SOURCE: Slovenska akademia vied. Ustav mechaniky a automatizacie. Vyskumne problemy technickej kybernetiky a mechaniky (Research problems in technical cybernetics and mechanics). Bratislava, Vyd-vo SAV, 1965, 21-32

TOPIC TAGS: analog memory, digital analog conversion, algorithm, digital information recording, memory element, *analog computer, digital analog computer*

ABSTRACT: The article describes a discretely controlled analog memory device. It deals with the principle of operation based upon digital-to-analog conversion, the mode of digital information recording, the algorithm of controlling the record and the reading of digital information, the automatic signaling of the end of digital-analog conversion

Card 1/2

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ACC NR: AT6023972

and the zero-setting of the previous record. The record based upon a minimal number of memory elements and the mode of signaling the end of conversion derived from the length of information record, are solved in the original way. Conversion time is 300 msec, zero-setting of previous analog value is 200 msec, duration of storage time for new analog value is arbitrary. Analog value may reach $0 - \pm 10$ v or $0 - \pm 100$ v, accuracy .1%, polarity is determined by special bit in the digital information. Orig. art. has: 4 figures and 1 table. [Author's abstract] [KS]

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 002/ SOV REF: 001/
OTH REF: 002/

Card 2/2 *LC*

RYCHNOVSKA, M.; BARTOS, J.

Measurement of photosynthesis by the dry weight increment of samples composed of leaf segments. *Biologia plantarum* 4 no.2:91-97. '62.

1. Botanical Institute of the Czechoslovak Academy of Sciences, Brno, Stara 18 (for Rychnovska).
2. Laboratory of Algal Research, Institute of Microbiology of the Czechoslovak Academy of Sciences, Trebon, Dukelska 145 (for Bartos).

BARTOS, Jan, MUDr.

Aid of Regional Institute of Public Health to the districts.
Cesk. zdravot. 5 no.4:204-207 Apr 57.

1. Reditel krajskeho ustavu narodniho zdravi v Pardubicich.
(PUBLIC HEALTH,
in Czech., aid of Regional Institute of Pub. Health
to districts (Cz))

BARTOS, Jaroslav, promovany veterinarni lekar

Disinfection effect of some chemical substances on Mycobacterium phlei.
Vest vyzk zemedel y no.12:555 '62.

1. Vyzkumny ustav veterinarniho lekarstvi, Brno.

BARTOS, Jaroslav, inz.

Influence of the replacement of tilling by soil loosening
without turning the weed growth. Rost výroba 9 no.9:879-890
S*63.

1. Ústav pro vedeckou soustavu hospodareni, pracoviste OVZ, Z,
skolní statek Prostějov.

BARTOS, Jaroslav, promovany veterinarni lekar

Tests of Desoxytan, a new anticoagulation raticide. Vest ust
zemedel 10 no.5:175-176 '63.

1. Vyzkumny ustav veterinarniho lekarstvi, Brno.

BARTOS, Jaroslav, promovany veterinarni lekar

Effect of some antibiotics and chemotherapy on Escherichia coli
genera isolated from sick or dead calves. Vest ust zemedel 10
no.6/7:210-212 '63.

1. Vyzkumny ustav veterinarniho lekarstvi, Brno.

BARTOS, Jaroslav, prom. vet. lekar

Disinfection effect of sodium orthophenylphenolate on
the Mycobacterium phlei in cow feces. Vest ust zemedel
ll no.2/3:49-52 '64.

1. Research Institute of Veterinary Medicine, Brno.

BARTOS, J.

Studies on fat embolism; staining of blood fats. Rozhl. chir.,
31 no. 6-8 142-144 1952. (CIML 23:3)

1. Of the First Surgical Clinic (Head--Prof. Arnold Jirasek, M. D.)
of Charles University, Prague.

BARTOS, J.

Bartos, J. Cell division in cultures of isolated parts of the carrot (Daucus carota). p. 206. CESKOSLOVENSKA BIOLOGIE. Praha. Vol. 3, no. 4, Aug. 1954.

SO: Monthly List of East European Accessions, (EMAL), LC, Vol. 4, No. 11, Nov. 1955, Uncl.

BARTOS, Jiri, MUDr.

Fat embolism in fractures. Cas. lek. cesk. 93 no.30:825-832
23 July 54.

1. I chirurgicka klinika, prednosta prof. Dr A.Jirasek.
(FRACTURES, complications,
fat embolism)
(EMBOLISM,
fat, in fract.)

BARTOS, J.

Division of cells and nuclei in the formation of healing
periderm on potato bulbs (*Solanum tuberosum*). p. 478.

CESKOSLOVENSKA BIOLOGIE (Ceskolovenska akademie ved.
Biologicky ustav) Praha.

Vol. 4. No. 8, August 1955.

SOURCE: East European Accessions List (EEAL) Library
of Congress. Vol 5, No. 1. January 1956.